

From: Ray Tarker <RTarker@bgjwsc.org>
To: Gary Reynolds <Gary.Reynolds@dnr.state.ga.us>
Date: 8/12/2010 4:30 pm
Subject: Wastewater Release (Preliminary Report)

CC: Keith Morgan <kmorgan@bgjwsc.org>, Tim Matutat ...
Gary;

Today, August 12, 2010 @ 1345 hours the Brunswick-Glynn Joint W&S Commission was notified by Glynn County Public Works that they had hit a sewer force main in a ditch on Sydney Lanier Blvd. while mowing the ditch banks and that it was leaking.

JWSC Staff responded and was on-site @ 1410 hours and performed the following:

1. Identified the sewer force main as the 12" Cast Iron force main serving lift station 4039 on Indigo Drive.
2. Stopped pumping operations at LS4039; (this station is in bypass mode using a portable pump as the Electrical Panel is being replaced - pumping capacity of the bypass pump is approximately 1,000 gpm and is running continuously).
3. Had Glynn County Staff close off the ditch with a dirt berm approximately 1,100 feet downstream from the break to confine the release to the affected portion of the dry ditch and prevent wastewater from reaching the flowing ditch at Indigo Drive approximately 1,900 feet eastward along Sydney Lanier Drive.
4. Observed that the damage to the cast iron pipe was a 9 inch long by 4 inch hole in the top of the pipe; some portion of the wastewater continued along the pipe to the normal discharge point and not all pumped flow was discharged into the ditch.
5. Deployed two combination cleaners (VacCon's) to vacuum the wastewater from the confined ditch segment and disinfect.
6. Had Construction Crew staff and equipment on site @ 1450 hours with materials to make the temporary repair.
7. Completed ditch cleaning and temporary pipe repair @ approximately 1545 hours and brought lift station back into service, checked for leaks and closed the work site.

Preliminary observations indicate that approximately 800 feet of the 3 foot wide ditch bottom had as much as 5 inches of wastewater confined; (release estimated as approximately 8,000 gallons).

A full-circle repair clamp was used to facilitate the temporary repair. A permanent repair that places a casing through the ditch will be completed next week

I will contact you Monday regarding this issue to discuss a final report.

Thank you.

Ray Tarker